

# Package ‘aftR2’

July 22, 2025

**Type** Package

**Title** R-Squared Measure under Accelerated Failure Time (AFT) Models

**Version** 0.1.0

**Description** Compute the R-squared measure under the accelerated failure time (AFT) models proposed in Chan et. al. (2018) <[doi:10.1080/03610918.2016.1177072](https://doi.org/10.1080/03610918.2016.1177072)>.

**License** GPL-3

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**Imports** survival

**Encoding** UTF-8

**NeedsCompilation** no

**Repository** CRAN

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aftR2	<i>R-squared measure under the accelerated failure time (AFT) models.</i>
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## Description

Compute the R-squared measure under the accelerated failure time (AFT) models proposed in the Chan et. al (2018) paper (DOI: 10.1080/03610918.2016.1177072).

## Usage

```
aftR2(fit.AFT)
```

**Arguments**

fit.AFT            The fitted AFT model from the survival::survreg function

**Value**

The R-squared measure

**Examples**

```
library(survival)
fit.AFT = survreg(Surv(futime, fustat) ~ ecog.ps + rx, ovarian, dist='weibull')
aftR2(fit.AFT)
```

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